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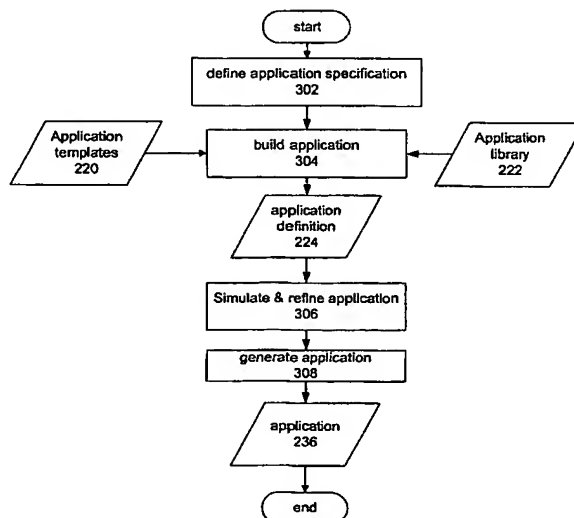
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(54) Title: A DEVELOPMENT SYSTEM FOR A DIALOG SYSTEM



(57) Abstract: A development system, including a scenario generator for generating a plurality of sample interactions representative of interactions between a dialog system and a user of the dialog system on the basis of definition data for the dialog system. The definition data includes state machine code, prompt data, and recognition data. A simulator generates prompts of sample interactions on the basis of the prompt data, and the scenario generator generates responses to the prompts on the basis of the recognition data. A scenario editor allows a user to modify the sample interactions. A grammar learner then updates the prompt data and the recognition data on the basis of the modified sample interactions. An application builder generates the definition data from specification data provided by a developer, an application template, and/or an existing dialog application.

WO 2004/023332 A1